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water at a signal strength sufficient to electronically reproduce the effect of the physical presence of a catalyst, wherein the radio frequency waves have a transmission frequency substantially equal to the signal frequency of the catalyst as determined by NMR.

33. (Amended) Superoxygenated water comprising stabilized dissolved oxygen atom at a concentration of greater than 9.5 mg/l, and prepared by conducting electrolysis of water in a catalyst-free cell in which radio frequency waves are transmitted through the water at a signal strength sufficient to electronically reproduce the effect of the physical presence of a catalyst, wherein the radio frequency waves have a transmission frequency substantially equal to the signal frequency of the catalyst as determined by NMR, the radio frequency waves having a transmission frequency substantially equal to the signal frequency of a catalyst selected from the group of platinum, rhenium, iridium and ruthenium.

34. (Amended) Superoxygenated water comprising stabilized dissolved oxygen atom at a concentration of greater than 9.5 mg/l, and prepared by conducting electrolysis of water in a catalyst-free

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cell in which radio frequency waves are transmitted through the water at a signal strength sufficient to electronically reproduce the effect of the physical presence of a catalyst, wherein the radio frequency waves have a transmission frequency of about 9.29 megahertz.

Add the following claims:

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35. (New) Super-oxygenated water comprising stabilized dissolved oxygen atom at a concentration of greater than 9.5 milligrams per liter.

36. (New) A medicinal solution containing super-oxygenated water as defined in claim 35, said solution being selected from the group consisting of an intravenous solution, an electrolytic solution, a saline solution, a topical burn solution, a topical skin treatment solution, an oral rinse treatment solution, a dental rinse treatment solution, an ingestible blood oxygen content elevating solution, an ingestible blood oxygen partial pressure elevating solution, a bactericide, a virus-killing solution, an

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anaerobic tumor treatment solution, a physical injury immersion treatment solution, and a brain tissue treatment solution.

37. (New) A medicinal solution as defined in claim 36, wherein said solution is saline solution.

38. (New) A preservative containing super-oxygenated water as defined in claim 35, said preservative being selected from the group consisting of a fluid preservative, ice for use as a cooling preservative, a live human organ preservative, and a live human tissue preservative.
